

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2023	310/331.ccls. or 310/334.ccls. or 310/337.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:09
L2	2953	(acoustic or sonar or underwater) adj1 (source or projector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:10
L3	17532	(tubular or cylindrical or cylindrically) with (driver\$1 or transducer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:10
L4	23	1 and 2 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:12
L5	66698	(longitudinally) adj2 (spaced or aligned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:12
L6	406	5 and (1 or 2 or 3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:13
L7	400	5 and (2 or 3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 11:13

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37559	(sound or acoustic or underwater) near2 (source or projector or transmitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 07:44
L2	1560477	cylindrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 07:08
L3	215697	1 an d2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 07:09
L4	5831061	d 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 07:09
L5	3891	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 07:09
L6	714	((sound or acoustic or underwater) near2 (source or projector or transmitter)) same (cylindrical or tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:13
L7	54419	(multiple or plural or plurality) with (driver\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 08:42
L8	20	6 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 07:59
L9	0	("2006/0056275").URPN.	USPAT	OR	OFF	2007/03/01 08:00
L10	1439	367/141.ccls. or 367/153-154.ccls. or 367/159.ccls. or 367/165.ccls. or 367/169.ccls. or 367/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 08:01
L11	24	6 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 08:02
L12	17	7 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 08:11

## EAST Search History

L13	7	("4380808"   "4845688"   "4894811"   "4916675"   "5136556"   "5355351").PN. OR ("5508976").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/01 08:42
L14	85869	(multiple or plural or plurality) with (driver\$1 or transducer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 08:42
L15	32849	(multiple or plural or plurality) near2 (driver\$1 or transducer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:25
L16	67	6 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:12
L17	49	16 not 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 08:43
L18	11	("2543500"   "4220887"   "5020035"   "5103130"   "5229978"   "5267223"   "5357486"   "5875154").PN. OR ("6069845").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/01 08:47
L19	38	("2812452"   "3043967"   "3100291"   "3142035"   "3177382"   "3182284"   "3277433"   "3702948"   "3982144"   "4220887"   "4420826"   "4435794"   "4651044"   "5103130"   "5122992"   "5132942"   "5155709"   "5229978"   "5239518"   "5256920"   "5267223"   "5517465"   "5701277"   "5768216"   "5920524"   "5962439"   "6002648"   "6069845"   "6188313"   "6192751"   "6278658").PN. OR ("7093343").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/01 09:07
L20	32723	((sound or acoustic or underwater) near2 (source or projector))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:26
L21	1029	((multiple or plural or plurality) near2 (driver\$1 or transducer\$1)) same (cylinder or cylindrical or tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:26

## EAST Search History

L22	91	20 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:15
L23	12142	(multiple or plural or plurality) adj1 (driver\$1 or transducer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:25
L24	27619	((sound or acoustic or underwater) adj2 (source or projector))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:26
L25	480	23 and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:26
L26	379	((multiple or plural or plurality) adj1 (driver\$1 or transducer\$1)) same (cylinder or cylindrical or tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:26
L27	26	24 and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 10:26